

PHENIX WEEKLY PLANNING

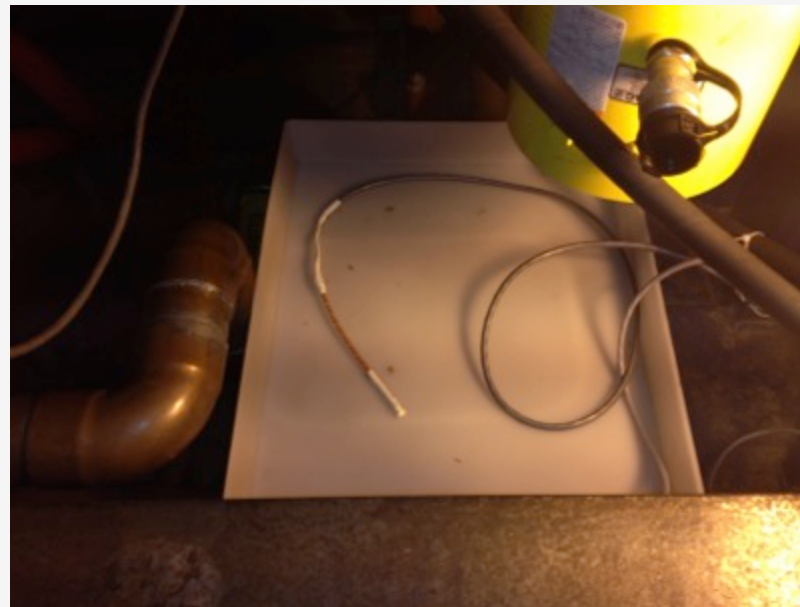


Feb. 20, 2014
Don Lynch

This Week

TECHNICAL SUPPORT NO-14

- Presidents Day - Lab Holiday
- Run 14 Continues
- IR Access Yesterday:
 - FVTX & VTX work - leaks, performance issues - fixed?
 - EMCal PbGl issues - fixed?
 - Tunnel Background Counter issues - fixed?
 - Other work?
- Plan/Install MPC-Ex FEM & Rack
- Tech Support for Run 14 as required
- Commission new ethane tube trailer
- Support for sPHENIX efforts as required



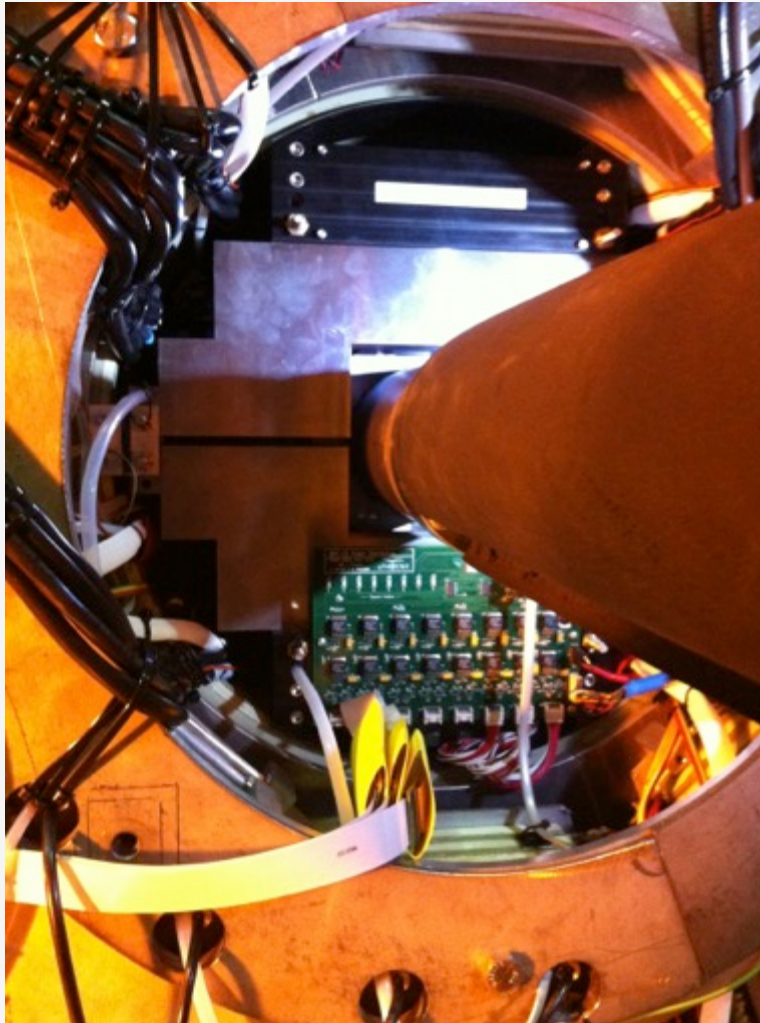
Next Week

- Run 14 Continues
- Plan/Install MPC-Ex FEM
- Plan for 2014 Shutdown
- Tech Support for Run 14 as required
- Support for sPHENIX efforts as required



MPC-Ex Initial (Partial) Installation

PHENIX - PROGRESS REPORT - 2014



Mechanical installation complete
Services connected
Rack assembly & FEM assembly waiting for
final FEM modules

sPHENIX Prototype Beam Test @Fermilab

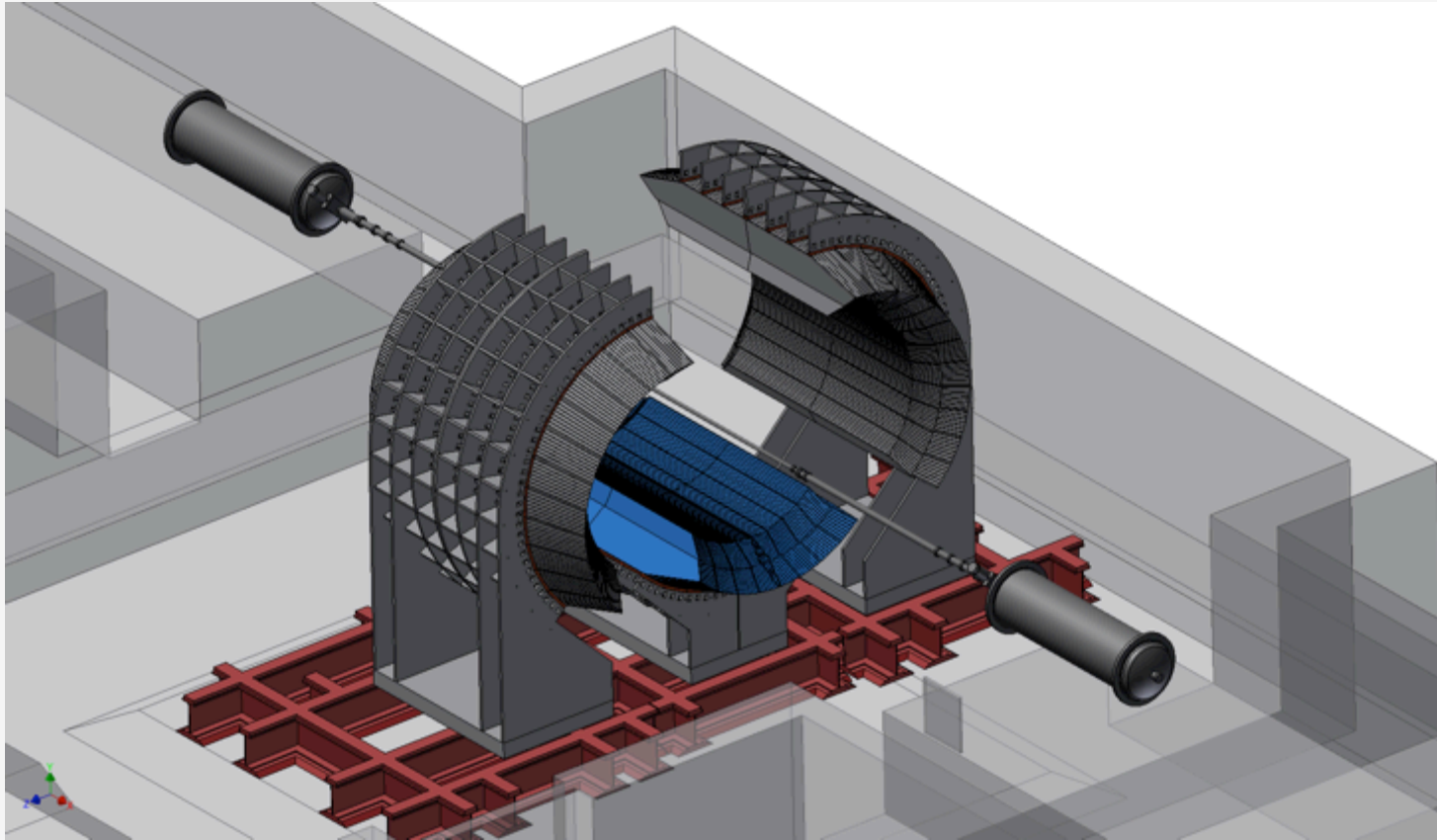


Should be finishing up at
FERMILAB Next week

2/20/2014

Test of combined EMCAL and HCAL prototypes
at Fermilab in Feb 2014

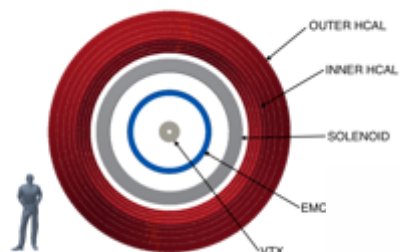
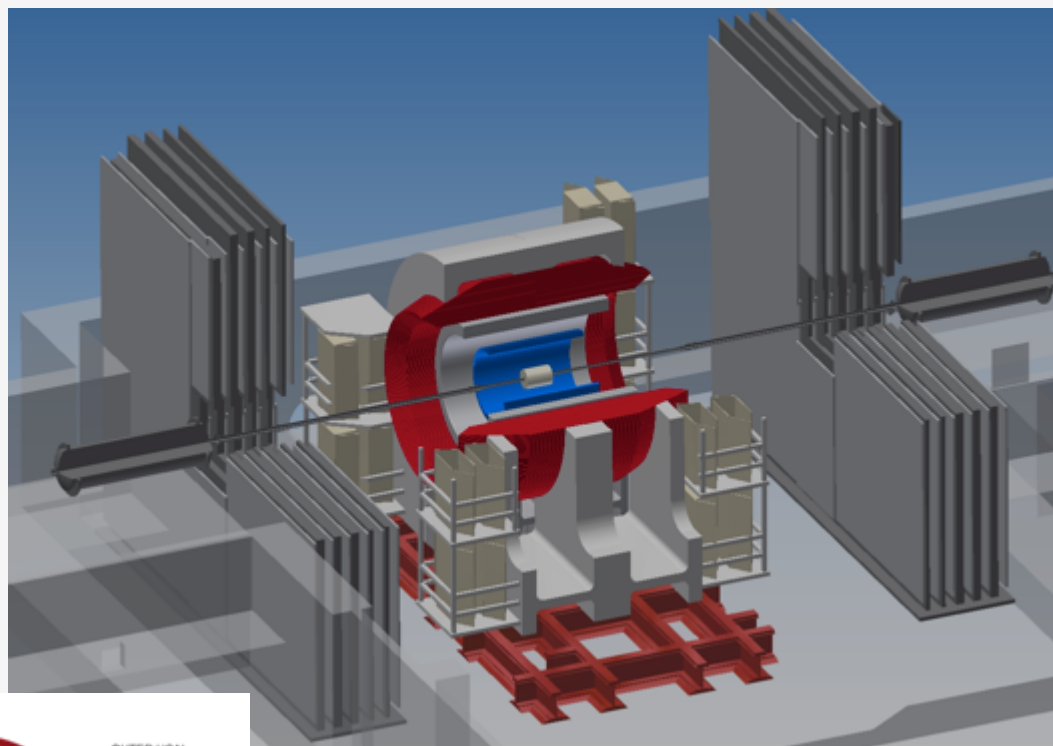
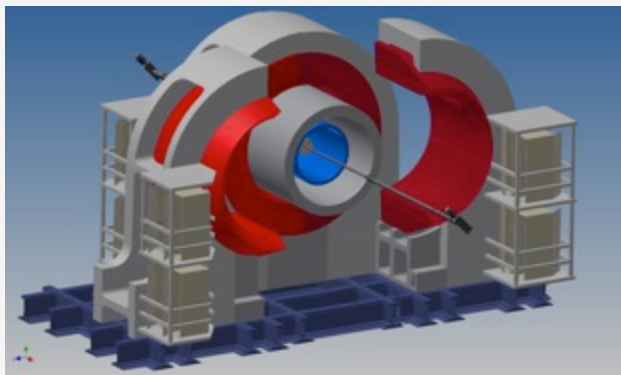
sPHENIX Support Structure Design



Translating BABAR Magnet drawings from Italian to English
Trying to fix parameters affecting HCAL size and weight
Looking to freeze key design parameters soon

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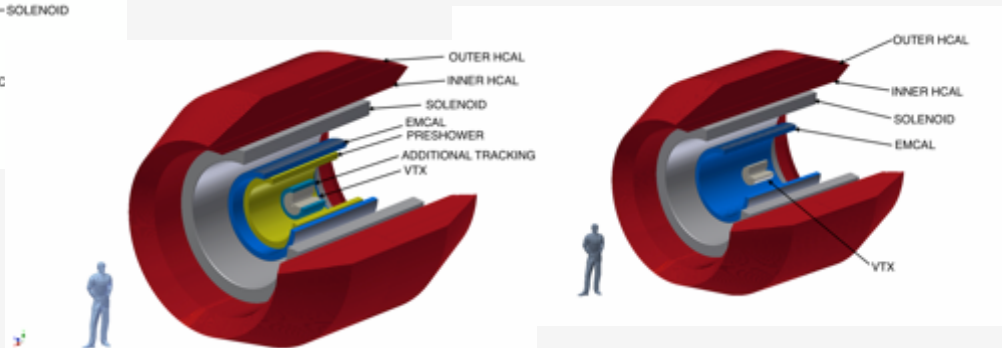
TECHNICAL SUPPORT NO. 4



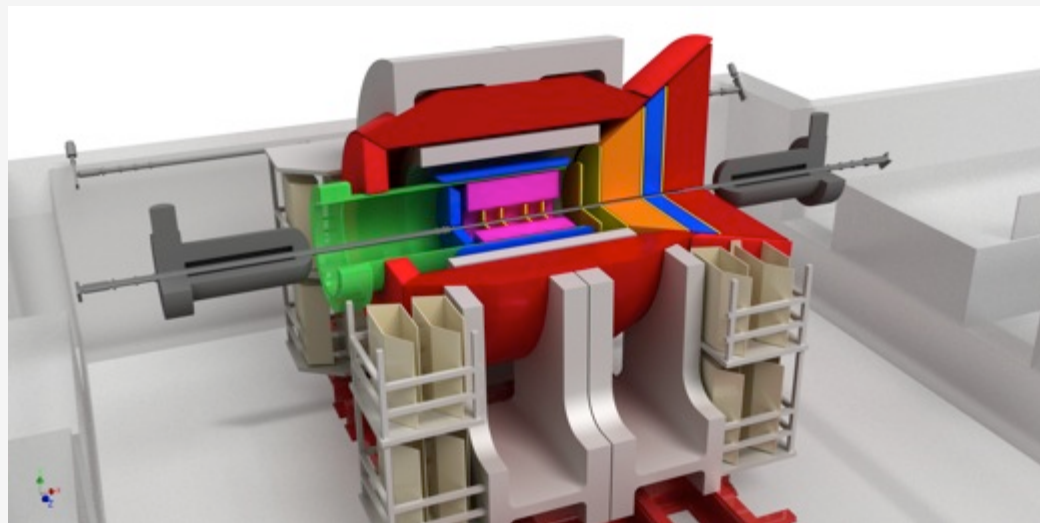
Updated sPHENIX Models
coming soon

PHENIX Decommissioning
Plan is evolving

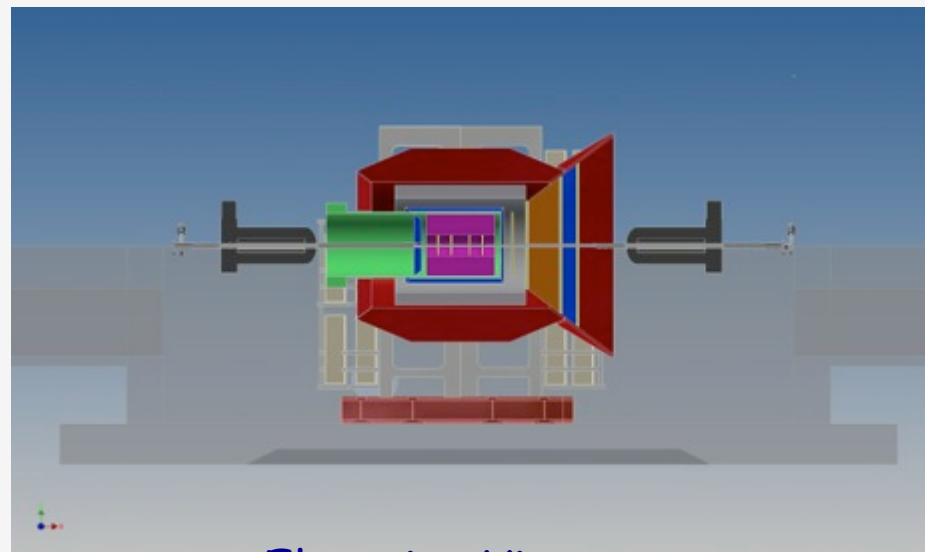
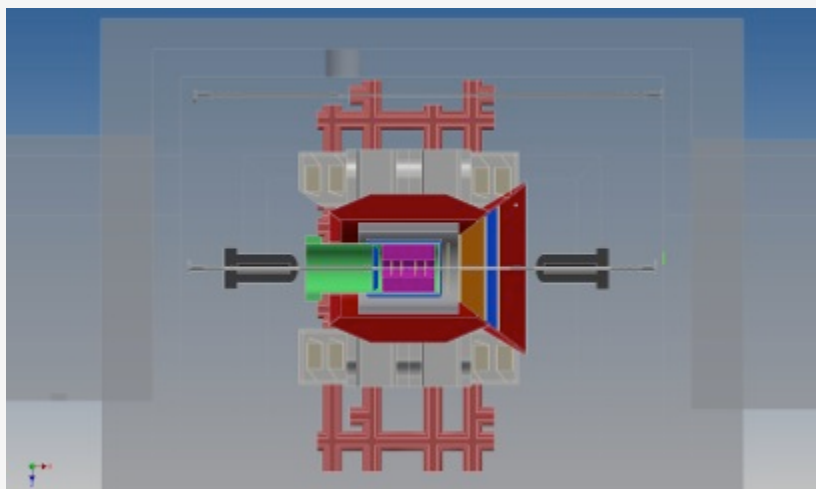
2/20/2014



ePHENIX



Plan View



Elevation View

2/20/2014

PHENIX Annual Safety Review: Action Items (Continued) Safety and Security

- Complete the platform gates installation (Phillips Jan 15, 2014)
*Dave is still working on this, **DONE !!***
- Document the new ethane installation and leak and pressure testing (Biggs Jan 15, 2014) **DONE**
- Carry out an inspection of the installed platform gates (Cirnigliaro Feb 1, 2014)
*Dave must schedule the carpenters to finish this work then Cirnigliaro can do his walk thru. **Dave to arrange with Pete next week ?***

General:

- Update the documented work procedures. (Lynch Continuing)
All up to date

2014 planned Technical Support & 2014 Shutdown

TECHNICAL SUPPORT 2014

Support for run 14	2/3-6/30/2014
Support for sPHENIX prototype tests at FermiLab	1/21-2/25/2014
Procure & Fabricate parts for MPC-Ex North and South	1/1/2014-6/30/2014
Assemble & test MPC-Ex South, ready for installation	3/1-7/1/2014
End of Run Party	7/11/14?
Assemble & test MPC-Ex North, ready for installation	7/1-9/25/2014
Start of Shutdown Tasks (purge flammable gas, disassemble and stow shield wall, remove collars, move EC to AH, Move MMS south, etc.)	7/14 - 7/25/2014
Install scaffolding in Sta 1 South	7/28/2014
Remove MPC-Ex prototype, Install new MPC-Ex South	7/28-8/22/2014
Maint. & Repairs for MPC South, BBC South, RPC1 South, MuTr sta 1 South, as necessary	7/28-8/22/2014
Remove scaffolding from sta 1 south, Move CM South	8/25/2014
Install scaffolding in Sta 1 North	8/26-8/29/2014
Prep MPC-Ex North installation area	9/1-9/26/2014
Install new MPC-Ex North	9/29-10/17/2014
Remove Sta 1 North scaffolds, Move CM North	10/20-10/24/2014
Other detector support	TBD
Infrastructure Maintenance and Improvement	TBD
Decommissioning of obsolete PHENIX detector equipment	TBD
sPHENIX Support	on-going
End of Shutdown Tasks (Move MS north, roll in EC , install collars, remove 10 ton cart, plates and manlifts, build shield wall, etc.)	10/27-11/26/2014
Pink/White/Blue Sheets	1/17/2014
End of Shutdown Party	???
Start Flammable gas flow	???
Close shield wall, install radiation interlocks and prepare for run 14	12/31/2014
Start run 15	1/2/2015

1. From Ray Karol:

Note that portable space heaters may never be left unattended if stated in the manufacturer's manual- read the manufacturer's operating manual for clarification. This includes office heaters and large industrial heaters.

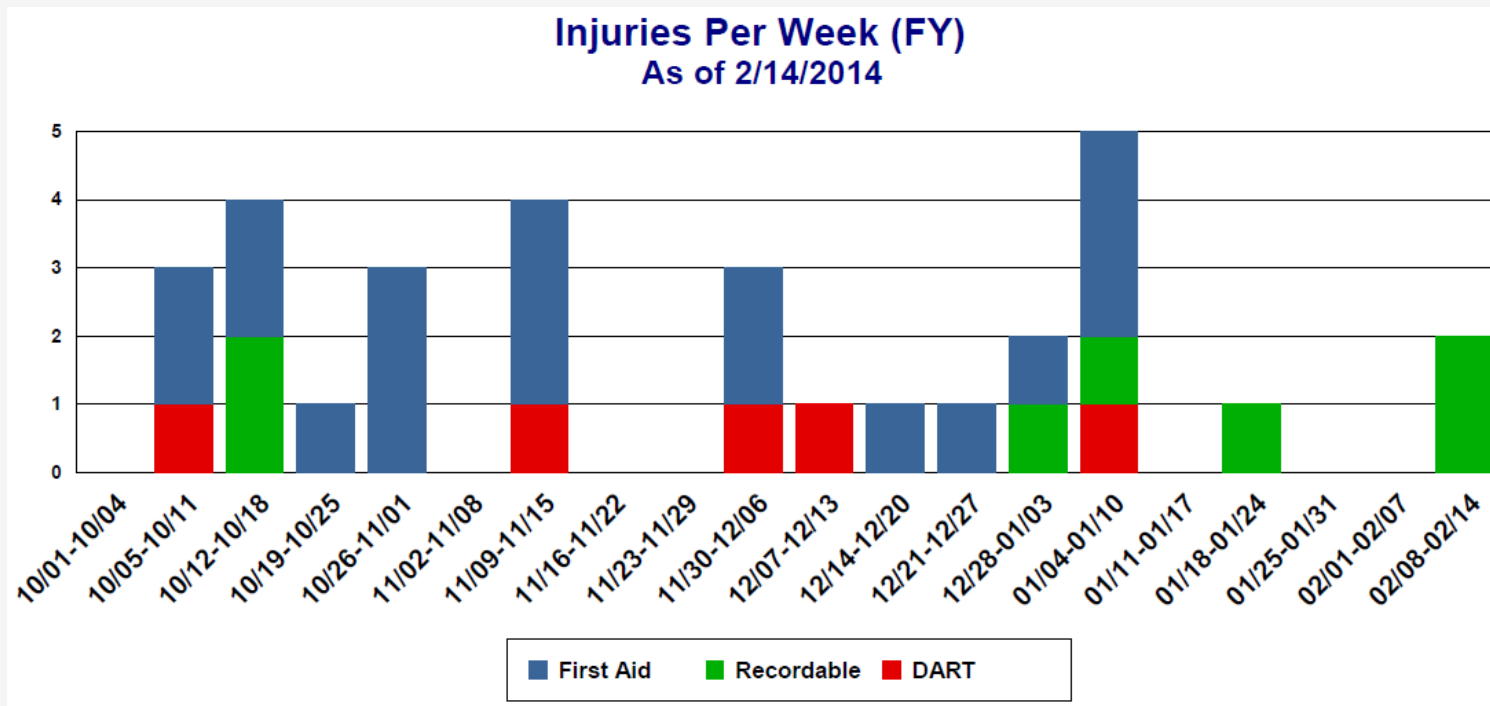
SBMS rules for space heaters can be found under the Fire Safety subject area, section 1: Controlling Ignition sources, subsection 1.1 Space Heaters, essentially F&O needs to be contacted to make sure installation meets codes and services are adequate. F&O then applies a label indicating they have reviewed and approved the installation.

2. New SBMS section on pressurizing a vacuum vessel (e.g. bleeding N2 into beampipe), under Pressure Safety subject area.

3. Tech Staff Training Update: Mostly up to date

4. Enter your FY 2014 Goals with PeopleSoft by March 7th





Injury Status:

FY14 YTD: DART – 5, TRC – 12, First Aid – 19

FY13: DART – 15, TRC – 37, First Aid – 53

FY12: DART – 19, TRC – 37, First Aid – 69

FY13 Injury Listing: <https://intranet.bnl.gov/esh/shsd/seg/Occlnj/BNLInjuries.aspx>

Recent Injuries

2/13/14	Recordable	An employee lacerated his finger while changing a light bulb from an A-frame ladder. At the OMC, first aid was given. However, the worker was transported to a local ER for sutures.
2/11/14	Recordable	An employee injured a finger when it got caught between a wrench and a magnet. At the clinic, first aid was given and the worker was transported to a local ER, where prescription medication was given and it was determined the finger was fractured.

Recent Events

2/14/14	Non-Reportable	A Site Resources employee did not disconnect the CNG nozzle during refueling and proceeded to drive away. The breakaway did not disconnect and the fuel nozzle on the vehicle broke off up-stream of the check valve. The hose recoiled and struck the dispenser causing cosmetic damage. The fuel hose fittings bent near the base of the dispenser and needs examination and possible replacement. The CNG valves inside B522 are turned off pending examination of the fittings. Fire Rescue responded and recorded zero leakage using their multigas analyzers. (Event Link)
2/13/14	Non-Reportable	A carpenter reported viewing exposed wiring in the ceiling while replacing ceiling tiles. The wires were observed from the ground. The Facility Project Manager and electrician arrived to investigate and determined the wires were not properly terminated and secured. The wires were energized. The voltage was not measured. The area was cordoned off with danger tape. This condition appears to be a legacy issue and not the result of any current or recent project. (Event Link)
2/13/14	Non-Reportable	Personnel in the Building 363 coin laundry facility noted possible smoke/unusual order and called Fire Rescue. It was determined that one of the coin operated washing machines was overfilled with clothing and the motor appeared to seize. The unit was disconnected from the water and electric supply. No alarms were activated. No evacuations took place. (Event Link)
2/11/14	Non-Reportable	Two private vehicles were backing out of marked parking stalls in the rear of Building 535 and struck each other. There were no injuries and only minor damage to each vehicle. (Event Link)
2/7/14	SC-BNL	Fire/Rescue responded to a fire alarm in a dormitory kitchen. A pot of food cooking on top of a stove caught fire, and set off the smoke alarm. The pot was removed from the building by a firefighter. There was minor damage to a cabinet and light cover on the exhaust fan hood. The sprinklers were not activated. A precautionary evacuation of the area was done. (Event Link)

2/20/2014



Run 14 Continues!

Weather is improving

Only 4 weeks of winter left!



(Picture is from last week on Rte 347)



[Safety Inspection Video](#)